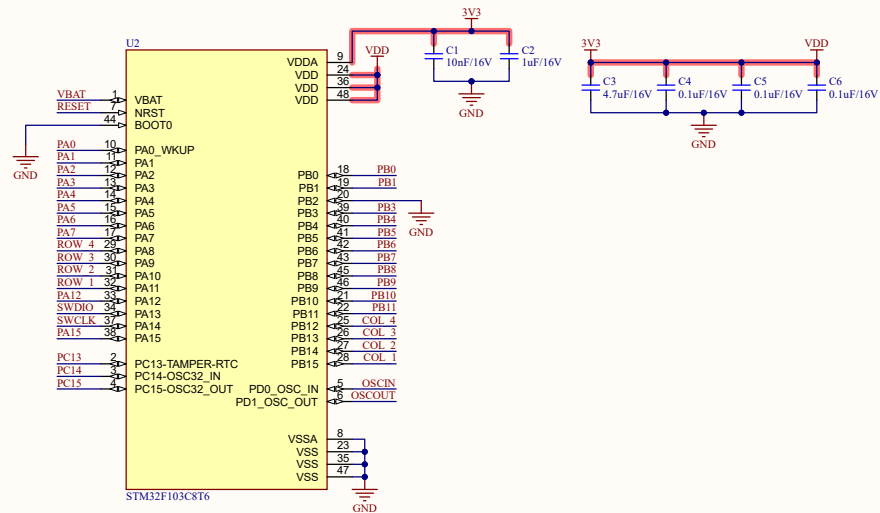


ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb	Project: BTL_TKHTN	
Design by: Linh Vu	Sheet title: Block_Diagram	Sheet 1 of 6
Checked by: *	Doc No: 1	Size: A3
Approved by: *	Revision: *	Date: *



Relay GPIO_NOT_IMPLEMENT

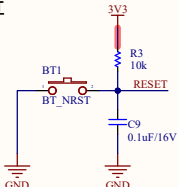
Relay CTRL PB1

RFID GPIO_NOT_IMPLEMENT

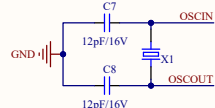
RFID[4B] RQ_RFID PA3
 RFID[3B] RST PB0
 RFID[3B] SDA_2 PA4
 RFID[3B] SCK PA5
 RFID[3B] MISO PA6
 RFID[3B] MOSI PA7

SPI1, I2C2

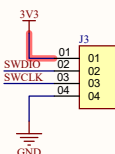
BT



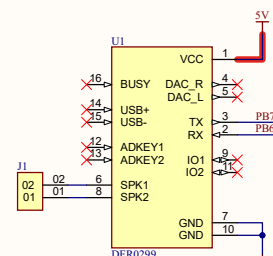
OSC 8M



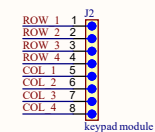
SWD



SPEAKER



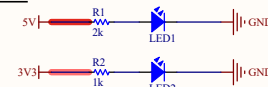
KEY BOARD



LCD 16x02



LEDs



ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
 TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb

Project: BTL TKHTN

Design by: Hung Vo

Sheet title: MCU

Sheet 2 of 6

Checked by: *

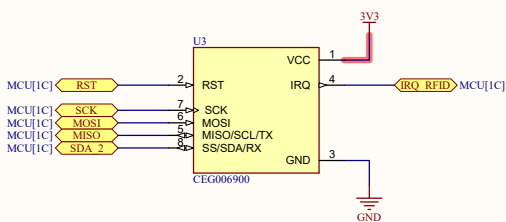
Doc No: 2

Size: A3

Approved by: *

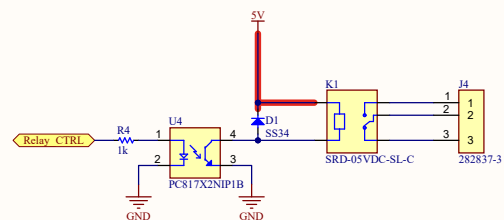
Revision: *

Date: *



ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb	Project: BTL TKHTN	
Design by: Hung Vo	Sheet title: RFID	Sheet 3 of 6
Checked by: *	Doc No: 3	Size: A3
Approved by: *	Revision: *	Date: *



ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb

Project: BTL TKHTN

Design by: Hung Vo

Sheet title: RELAY

Sheet 4 of 6

Checked by: *

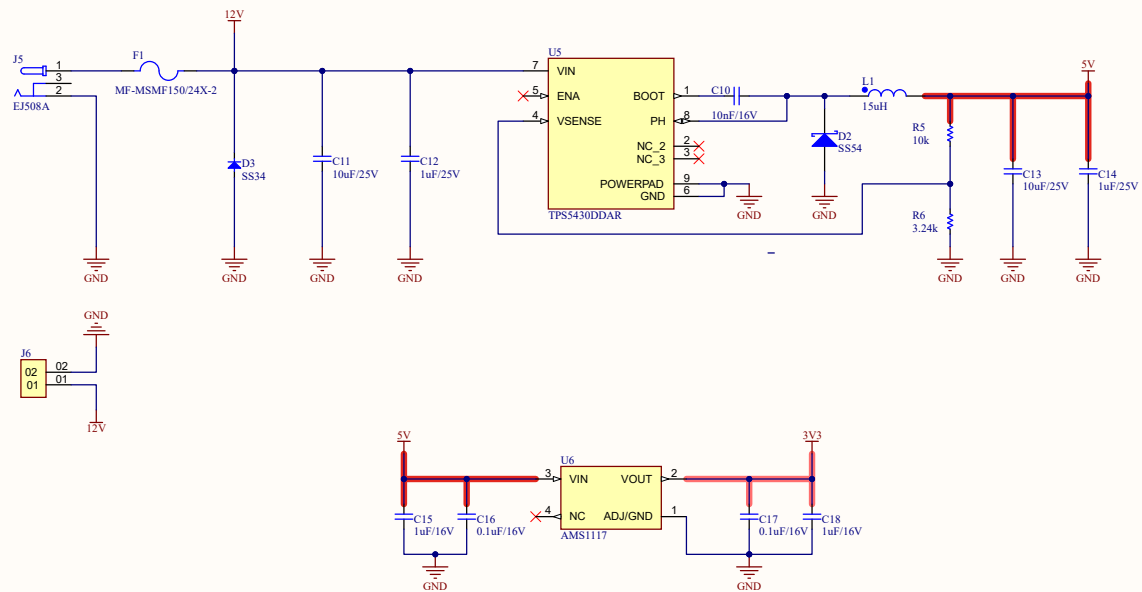
Doc No: 4

Size: A3

Approved by: *

Revision: *

Date: *



ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb

Project: BTL TKHTN

Design by: Hung Vo

Sheet title: POWER

Sheet 5 of 6

Checked by: *

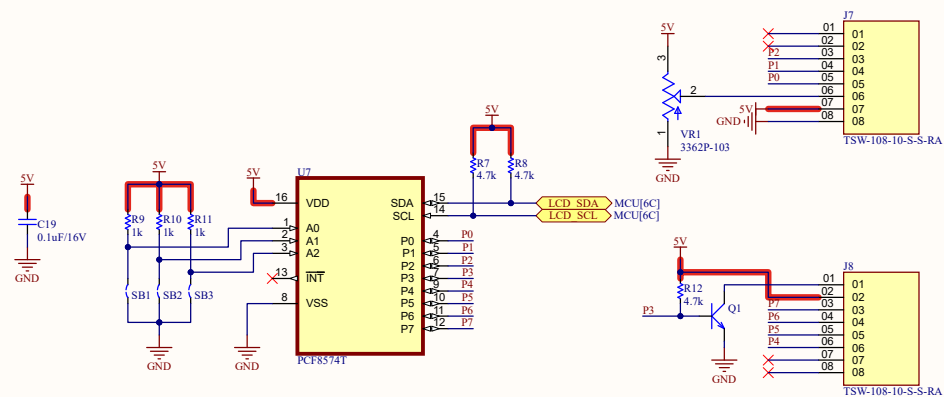
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Size: A3

Approved by: *

Revision: *

Date: *



ĐẠI HỌC QUỐC GIA THÀNH PHỐ HỒ CHÍ MINH
TRƯỜNG ĐẠI HỌC BÁCH KHOA

Sub-system: BTL_HW_V1.0.0.PrjPcb

Project: *

Design by: *

Sheet title: *

Sheet 6 of 6

Checked by: *

Doc No: 6

Size: A3

Approved by: *

Revision: *

Date: *